

Recovery Plan Action Status

Plan Name: Final Recovery Plan for the Newcomb's Snail (*Erinna newcombi*)

Plan Status: Final

Plan Date: 18-Sep-06

Lead Agency: USFWS

Lead Office: Pacific Islands Fish And Wildlife Office

(808)

(792-9400)

| Species | Action Priority # | Action # | Action Description | Action Status | Est. Initiation Date | Est. Completion Date | Responsible Parties | Work Type | Labor Type | Action Comments |
|--|-------------------|----------|--|---------------|----------------------|----------------------|--|----------------------------|-----------------------------|-----------------|
| Newcomb's snail (<i>Erinna newcombi</i>) | 1 | 1.1 | Survey and monitoring. | Not Started | | | Division of Aquatic Resources, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service | Work type not yet selected | Labor type not yet selected | |
| Newcomb's snail (<i>Erinna newcombi</i>) | 1 | 1.2 | Implementation of monitoring program. | Not Started | | | Division of Aquatic Resources, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service | Work type not yet selected | Labor type not yet selected | |
| Newcomb's snail (<i>Erinna newcombi</i>) | 1 | 1.3 | Obtain basic life history data. | Not Started | | | Division of Aquatic Resources, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service | Work type not yet selected | Labor type not yet selected | |
| Newcomb's snail (<i>Erinna newcombi</i>) | 1 | 1.4 | Initiate translocation program. | Not Started | | | University of Hawaii, Division of Aquatic Resources, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service | Work type not yet selected | Labor type not yet selected | |
| Newcomb's snail (<i>Erinna newcombi</i>) | 1 | 1.5 | Validate recovery objectives. | Not Started | | | Division of Aquatic Resources, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service | Work type not yet selected | Labor type not yet selected | |
| Newcomb's snail (<i>Erinna newcombi</i>) | 1 | 2.1 | Predation by <i>Euglandina rosea</i> . | Not Started | | | University of Hawaii, Division of Aquatic Resources, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service | Work type not yet selected | Labor type not yet selected | |

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| Newcomb's snail (Erinna newcombi) | 1 | 2.2 | Predation by <i>Sepedomerus macropus</i> and <i>Sepedon aenescens</i> . | Not Started | | | University of Hawaii, Division of Aquatic Resources, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service | Work type not yet selected | Labor type not yet selected | |
| Newcomb's snail (Erinna newcombi) | 1 | 2.3 | Predation by other introduced species. | Not Started | | | University of Hawaii, Division of Aquatic Resources, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service | Work type not yet selected | Labor type not yet selected | |
| Newcomb's snail (Erinna newcombi) | 1 | 2.4.1 | Competition with introduced lymneid and physid snails. | Not Started | | | University of Hawaii, Division of Aquatic Resources, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service | Work type not yet selected | Labor type not yet selected | |
| Newcomb's snail (Erinna newcombi) | 1 | 2.4.2 | Evaluate <i>Bufo marinus</i> aquatic toxicity. | Not Started | | | University of Hawaii, Division of Aquatic Resources, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service | Work type not yet selected | Labor type not yet selected | |
| Newcomb's snail (Erinna newcombi) | 1 | 2.5 | Predator and introduced species control. | Not Started | | | Division of Aquatic Resources, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service | Work type not yet selected | Labor type not yet selected | |
| Newcomb's snail (Erinna newcombi) | 2 | 3.1 | Inventory of water diversion and water extraction activities. | Not Started | | | Commission on Water Resources Management, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service | Work type not yet selected | Labor type not yet selected | |
| Newcomb's snail (Erinna newcombi) | 2 | 3.2 | Provide input into Instream Flow Standards development. | Not Started | | | Commission on Water Resources Management, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service | Work type not yet selected | Labor type not yet selected | |

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| Newcomb's snail (Erinna newcombi) | 2 | 3.3.1 | Provide input into State Water Projects Plan. | Not Started | | | Commission on Water Resources Management, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service | Work type not yet selected | Labor type not yet selected | |
| Newcomb's snail (Erinna newcombi) | 2 | 3.3.2 | Provide input into Agricultural Water Use and Development Plan. | Not Started | | | Hawaii Department of Agriculture, U.S. Fish and Wildlife Service | Work type not yet selected | Labor type not yet selected | |
| Newcomb's snail (Erinna newcombi) | 3 | 3.3.3 | Provide input into State Water Quality Plan. | Not Started | | | Hawaii Department of Health, U.S. Fish and Wildlife Service | Work type not yet selected | Labor type not yet selected | |
| Newcomb's snail (Erinna newcombi) | 3 | 3.3.4 | Provide input into County of Kaua'i Water Use and Development Plan. | Not Started | | | Kauai County, Hawaii, U.S. Fish and Wildlife Service | Work type not yet selected | Labor type not yet selected | |
| Newcomb's snail (Erinna newcombi) | 3 | 3.4 | Provide input into County of Kaua'i General Plan. | Not Started | | | Kauai County, Hawaii, U.S. Fish and Wildlife Service | Work type not yet selected | Labor type not yet selected | |
| Newcomb's snail (Erinna newcombi) | 3 | 4.1 | Conduct landscape planning and conservation efforts: Proposed Makaleha Natural Area Reserve. | Not Started | | | Division of Forestry and Wildlife, Hawaii Department of Land and Natural Resources, U.S. Fish and Wildlife Service | Work type not yet selected | Labor type not yet selected | |
| Newcomb's snail (Erinna newcombi) | 3 | 4.2 | Conduct landscape planning and conservation efforts: Hanalei American Heritage River Program. | Not Started | | | Hanalei American Heritage River Program, U.S. Fish and Wildlife Service | Work type not yet selected | Labor type not yet selected | |
| Newcomb's snail (Erinna newcombi) | 3 | 4.3.1 | Conduct landscape planning and conservation efforts: Kamehameha Schools Lumaha'i Watershed. | Not Started | | | Kamehameha Schools, U.S. Fish and Wildlife Service | Work type not yet selected | Labor type not yet selected | |
| Newcomb's snail (Erinna newcombi) | 3 | 4.3.2 | Conduct landscape planning and conservation efforts: Cornerstone Hawai'i Holdings LCC - Kealia Stream. | Not Started | | | Cornerstone Hawai'i Holdings LCC, U.S. Fish and Wildlife Service, Natural Resources Conservation Service | Work type not yet selected | Labor type not yet selected | |
| Newcomb's snail (Erinna newcombi) | 3 | 5 | Develop a public outreach program for Newcomb's snail. | Not Started | | | U.S. Fish and Wildlife Service | Work type not yet selected | Labor type not yet selected | |